II. CLAIM AMENDMENTS

1. (Cancelled)

2. (Currently Amended) The system of ~~claim 1~~claim 3, wherein said wavelength selective optical filter is mounted over said beamsplitter arrangement and said beamsplitter arrangement, said optical filter and said photodiodes comprise an assembly extending in a direction substantially perpendicular said given plane of said bench.

3. (Currently Amended) An optical wavelength control system for an optical source, the system including:

a beamsplitter arrangement for propagating radiation from said source over two paths;

first and second photodetectors each arranged in a respective one of said two propagation paths;

a wavelength selective optical filter interposed in the propagation path from said source to said first photodetector, whereby said first and second photodetector are adapted to generate photocurrents indicative of the possible displacement of the actual wavelength of the radiation from said source with respect to a reference wavelength and the power emitted by the optical source, respectively; and

a support bench extending in a given plane,

wherein said beamsplitter arrangement is arranged to split said radiation from said source towards said first and

second photodetectors in a direction substantially perpendicular said given plane of said bench,

~~The system of claim 1, and~~ wherein said beamsplitter arrangement, said optical filter and said photodiodes comprise an assembly having an associated a frame carrying said beamsplitter arrangement, said optical filter and at least one of said photodiodes oriented at pre-set angles.

4. (Previously Presented) The system of claim 3, wherein said filter is adapted to be mounted on said frame with a selectively determined tilt.

5. (Previously Presented) The system of claim 3, wherein said frame is adapted to be mounted on said bench with a selectively determined tilt.

6. (Currently Amended) The system of ~~claim 1~~claim 3, wherein said beamsplitter arrangement includes an associated substrate for mounting said optical filter.

7. (Previously Presented) The system of claim 6, wherein said associated substrate includes a recessed portion adapted to receive said optical filter.

8. (Previously Presented) The system of claim 6, wherein said associated substrate is L-shaped.

9. (Previously Presented) The system of claim 6, wherein said associated substrate carries a metal pattern for mounting at least one of said first and second photodetectors.

10. (Currently Amended) The system of ~~claim 1~~claim 3, wherein said beamsplitter arrangement includes two partial beamsplitters

arranged in a cascaded fashion to be traversed by the radiation from said source.

11. (Previously Presented) The system of claim 10, wherein said beamsplitter arrangement includes an associated substrate for mounting said optical filter and said associated substrate is arranged straddling said two beamsplitters.

12. (Currently Amended) The system of ~~claim 1~~claim 3, wherein said beamsplitter arrangement includes a double splitter.

13. (Previously Presented) The system of claim 12, wherein said double splitter includes a single plate polished as a 45° rhombic-prism.

14. (Previously Presented) The system of claim 12, wherein said beamsplitter arrangement includes an associated substrate for mounting said optical filter, and said associated substrate includes a flat plate carrying said filter in a position facing said double splitter.

15. (Currently Amended) The system of ~~claim 1~~claim 3, wherein said optical source comprises a laser source.

16. (Currently Amended) The system of ~~claim 1~~claim 3, further comprising a lens for collimating the radiation from said optical source.

17. (Currently Amended) The system of ~~claim 1~~claim 3, wherein said support bench comprises a silicon optical bench.

18. (Currently Amended) The system of ~~claim 1~~claim 3, wherein said filter comprises a periodic filter.

19. (Previously Presented) The system of claim 18, wherein said periodic filter comprises an etalon filter